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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/872,867	06/01/2001	Roman Basko	342818021US	1091
25096	7590	01/19/2005	EXAMINER	
PERKINS COIE LLP PATENT-SEA P.O. BOX 1247 SEATTLE, WA 98111-1247			RONES, CHARLES	
			ART UNIT	PAPER NUMBER
			2164	

DATE MAILED: 01/19/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/872,867

Applicant(s)

BASKO ET AL.

Examiner

Charles Rones

Art Unit

2164

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 June 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-76 is/are pending in the application.
- 4a) Of the above claim(s) 9-18, 30-48 and 68-75 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8, 19-25, 49-63 and 76 is/are rejected.
- 7) ☒ Claim(s) 26-29 and 64-67 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 02 January 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-8, 19-25, 30-49, and 76 are rejected under 35 U.S.C. 102(b) as being anticipated by Anwar U.S. Patent No. 5,767,857 ('Anwar').

Anwar discloses:

As to claims 1, 19, 49, and 57,

for each of a plurality of types of import sources, defining import metadata that specifies how the import data of that type of imported source is to be imported into the data store; See 8:62-67; 9:1-6;

receiving import data to be imported into the data store, the import data including an indication of a type of imported source; See 8:62-67; 9:1-6;

retrieving the metadata defined for the type of import source; See 8:62-67; 9:1-6;
and

importing the import data into data store in accordance with the retrieved metadata; See 8:62-67; 9:1-6.

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As to claims 2 and 50,

wherein the metadata for a type of import source specifies a schema for a portion of the data store into which the imported data of that type is to be imported; See 8:62-67; 9:1-6.

As to claims 3 and 51,

wherein the metadata for a type of import source specifies dimension and fact tables of the data store into which the import data of that type is to be imported; See 9:49-67.

As to claims 4 and 52,

wherein the dimension and facts tables are dynamically created when importing data; See 48-67.

As to claims 5 and 53,

wherein a type of import source represents companies in a similar market wherein the source is given little patentable weight as it does not affect the function of the limitation and the source of Anwar is deemed to include all sources (multiple/different databases); See 8:62-67; 9:1-6; 12:51-61.

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As to claims 6 and 54,

wherein each import source is a different company wherein the source is given little patentable weight as it does not affect the function of the limitation and the source of Anwar is deemed to include all sources (multiple/different databases); See 8:62-67; 9:1-6; 12:51-61.

As to claims 7 and 55,

wherein each import source represents organizations that generate similar types of data wherein the source is given little patentable weight as it does not affect the function of the limitation and the source of Anwar is deemed to include all sources (multiple/different databases); See 8:62-67; 9:1-6; 12:51-61.

As to claims 8 and 56,

modifying the metadata for a type of imported source so that, when import data of that type of import source is next imported, it is imported in accordance with the modified metadata; See 8:62-67; 9:1-6.

As to claim 76,

wherein the metadata optionally specifies a subset of fields of the input data that is to be imported; See 8:62-67; 9:48-67.

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As to claims 20 and 58,

wherein the schema specifies fact and dimension tables to be included in the data store; See 9:48-67.

As to claims 21 and 59,

providing modified metadata with a modified schema wherein when import data is subsequently received the generated data store is modified in accordance with the modified schema; See 8:62-67; 9:1-6.

As to claims 22 and 60,

providing metadata for a plurality of different types of import sources wherein import data is imported in accordance with the metadata for the type of import source of the import data; See 8:62-67; 9:1-6.

As to claims 23 and 61,

wherein the metadata includes an indication of a name of each table of the data store; See 9:48-67.

As to claims 24 and 62,

wherein the metadata includes for each table of the data store an indication of each property of the table; See 9:48-67.

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As to claims 25 and 63,

wherein the metadata includes an attribute for each property indicating whether a lookup table should be generated for that property when import data is imported; See 9:48-67.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 5-7 and 53-55 are alternatively rejected under 35 U.S.C. 103(a) as being unpatentable over Anwar U.S. Patent No. 5,767,857 ('Anwar').

Anwar discloses the claimed invention except for providing wherein a type of import source represents companies in a similar market; wherein each import source is a different company; or wherein each import source represents organizations that generate similar types of data. It would have been obvious to one having ordinary skill in the art at the time the invention was made to provide wherein each import source represents organizations that generate similar types of data since it was known in the art that having different sources of data would enable a flexible system to utilize more information instead of depending on just one source.

Allowable Subject Matter

Claims 26-29 and 64-69 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is an Examiner's statement of reasons for the indication of allowable subject matter: The prior art of record does not disclose, make obvious, or otherwise suggest the structure of the applicant's method and system of importing import data into a data store wherein the metadata includes an attribute for each property indicating whether that property should be included in a hash value; wherein the metadata includes an attribute for each property indicating whether that property should be included in a key; wherein the metadata includes an attribute for each property indicating whether a value for that property should be derived from a related dimension table; wherein the metadata includes an attribute for each property indicating whether the import data for that property should be grouped into buckets together with the other limitations of the independent claims.


The dependent claims being further limiting and definite are also allowable. Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably **accompany** the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance .

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles Rones whose telephone number is 571-272-4085. The examiner can normally be reached on Monday-Thursday 8am-4pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dov Popovici can be reached on 571-272-4083. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Charles Rones
Primary Examiner
Art Unit 2164

January 11, 2005